

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/612,704
	Filing Date	July 02, 2003
	First Named Inventor	Norman Herron et al.
	Art Unit	1624
	Examiner Name	Unknown
Total Number of Pages in This Submission	Attorney Docket Number UC0213 US NA3	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; height: 30px; width: 100%;"></div>
<div style="border: 1px solid black; height: 100px; width: 100%;"></div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	E. I. DU PONT DE NEMOURS AND COMPANY
Signature	Mary Ann Capria
Date	3.23.2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. <u>March 23, 2004</u>	
Typed or printed name	Diane M. Dick
Signature	Diane M. Dick
Date	March 23, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

NORMAN HERRON ET. AL.

CASE NO.: UC0213 US NA3

APPLICATION NO.: 10/612,704

CONFIRMATION NO.: 5871

GROUP ART UNIT: 1624

EXAMINER: UNKNOWN

FILED: JULY 02, 2003

FOR: CHARGE TRANSPORT COMPOSITIONS AND ELECTRONIC DEVICES MADE
WITH SUCH COMPOSITIONS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants would like to bring to the attention of the U.S. Patent and Trademark Office information that may be helpful in the examination of the above-identified patent application. All of the information is listed on an attached Form PTO/SB/08A and 08B. A copy of the required information is attached hereto.

In accordance with the provisions of 37 CFR 1.97(e)(1), I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

Respectfully submitted,

MARY ANN CAPRIA
ATTORNEY FOR APPLICANTS

Registration No.: 32,659

Telephone: (302) 992-3749

Facsimile: (302) 892-7949

Dated: 3/23/2004

Enclosures



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	10/612,704
Filing Date	July 02, 2003
First Named Inventor	Norman Herron et al.
Art Unit	1624
Examiner Name	Unknown
Attorney Docket Number	UC0213 US NA3

(Use as many sheets as necessary)

Sheet 1 of 3

[illegible]

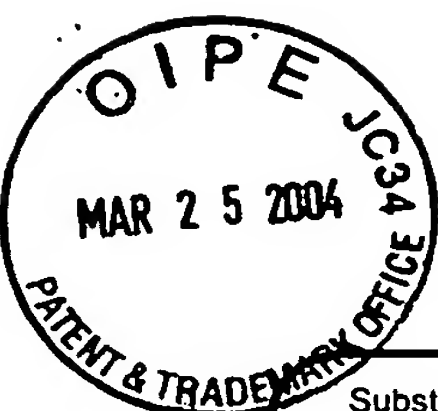
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		X WO 01/72925 A1	10-04-2001	Korea Adv Inst Science		
		X WO 02/088274 A1	11-07-2002	LG CHEM Ltd.		
		X EP 1 013 740 A2	06-28-2000	Konica Corporation		
		X EP 1 182 183 A1	02-27-2002	Idemitsu Kosan Co. Ltd.		

Date
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 3		Complete if Known	
		Application Number	10/612,704
		Filing Date	December 08, 2003
		First Named Inventor	Norman Herron et al.
		Group Art Unit	1624
		Examiner Name	Unknown
		Attorney Docket Number	UC0213USNA3

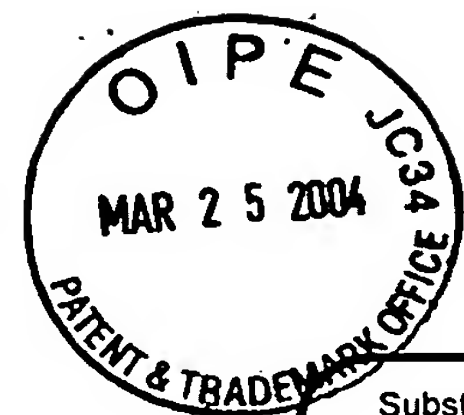
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		NGUYEN, T. P. et al., Multilayer light emitting diodes using a PPV based copolymer, Optical Materials, January 1998, 154-158, 9, Elsevier Science B.V.	<input type="checkbox"/>
		THOMAS, K. R. JUSTIN et al., Quinoxalines Incorporating Triarylamine: Potential Electroluminescent Materials with Tunable Emission Characteristics, Chem. Mater., 2002, 2796-2802, 14, American Chemical Society	<input type="checkbox"/>
		SCHMITZ, CHRISTOPH, Polymeric Light-Emitting Diodes Based on Poly(p-phenylene ethynylene), Poly(triphenyldiamine), and Spiroquinoxaline, Advanced Functional Materials, February 2001, 41-46, 11(1), Wiley-Vch Verlag GmbH	<input type="checkbox"/>
		CUI, YUANTING et al., Thiophene-Linked Polyphenylquinoxaline: A New Electron Transport Conjugated Polymer for Electroluminescent Devices, Macromolecules, 1999, 3824-3826, 32, American Chemical Society	<input type="checkbox"/>
		JANDKE, MARKUS et al., Phenylquinoxaline Polymers and Low Molar Mass Glasses as Electron-Transport Materials in Organic Light-Emitting Diodes, Macromolecules, 1998, 6434-6443, 31, American Chemical Society	<input type="checkbox"/>
		POSCH, P. et al., Perylenediimides with Electron Transport Moieties for Electroluminescent Devices, Synthetic Materials, 1999, 1110-1112, 102, Elsevier Science S.A.	<input type="checkbox"/>
		SCHURMANN, H. et al., Ultraviolet Photoelectron Spectroscopic Study of Heterocyclic Model Compounds for Electroluminescent Devices, Synthetic Materials, 1999, 1069-1070, 102, Elsevier Science S.A.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Organic Electroluminescent Element, JP06088072, March 29, 1994, Vol. 018, No. 347, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Organic Thin-Film EL Element, JP04110390, April 10, 1992, Vol. 016, No. 358, Nippon Soda Co. Ltd.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Aromatic Methylidene Compound, Aromatic Aldehyde Compound For Producing The Same And Production Thereof, JP2000204082, July 25, 2000, Vol. 2000, No. 10, Matsushita Electric Ind. Co. Ltd.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Organic Thin Film EL Element and Quinoxalino-Benzoxazine Derivative Used In The Element, JP2000198788, July 18, 2000, Vol. 2000, No. 10, Sagami Chem Res Center	<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 3

Complete if Known

Application Number	10/612,704
Filing Date	December 08, 2003
First Named Inventor	Norman Herron et al.
Group Art Unit	1624
Examiner Name	Unknown
Attorney Docket Number	UC0213USNA3

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PATENT ABSTRACTS OF JAPAN, Organic Electroluminescent Element And Display Device, JP2003045662, February 14, 2003, Vol. 2003, No. 06, Konica Corp.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Organic Electroluminescent Element and Its Manufacture, JP2000133453, May 12, 2000, Vol. 2000, No. 08, Idemitsu Kosan Co Ltd.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Novel Heterocyclic Compound, Light-Emitting, Element Material and Light-Emitting Element Using This Material, JP2001335776, December 4, 2001, Fuji Photo Film Co Ltd.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Organic EL Element Using Quinoxaline Compound, JP09188874, July 22, 1997, Vol. 1997, No. 11, TDK Corp.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Electrophotographic Photoreceptor, JP07152170, June 16, 1995, Vol. 1995, No. 09, Mita Ind Co Ltd.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Organic EL Element, JP07026255, January 27, 1995, Vol. 1994, No. 04, Idemitsu Kosan Co Ltd.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Electrophotographic Sensitive Body, JP02064553, March 5, 1990, Vol. 014, No. 245, Canon Inc.	<input type="checkbox"/>
		PATENT ABSTRACTS OF JAPAN, Light-Emitting Element, JP2003086381, March 20, 2003 Vol. 2003, No. 07, Toray Ind Inc.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.